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Science Notes - PRISMS Summer Physics Workshop Offered

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PRISMS Summer Physics Workshops Offered

The University of Northern Iowa, along with the Iowa Academy of Science, the National Science Foundation and the National Diffusion Network, is sponsoring "Leadership Workshops in Physics Resources, Instructional Strategies and Content for Teachers of High School Physics." The workshops are designed to train resource teachers to utilize resources and instructional strategies to be used in their classrooms. Included among the resources offered are materials found in the Physics Resources and Instructional Strategies for Motivating Students (PRISMS) program. Content update lectures and demonstrations by UNI physics staff members will cover such topics as holography, acoustics, thermodynamics, electronics and nuclear physics.

In addition to classroom and laboratory experiences, the chosen participants will have one major project assigned which will require them to integrate the PRISMS materials with their existing physics curriculum. In doing so, the materials will be tailored to fit the needs and situation of each individual teacher. Participants will also have the opportunity to construct some laboratory equipment for use in their own schools.

The workshops will run from June 13 to July 1 and from July 11 to July 29. Fifty participants will be selected and the program directors will attempt to select one participant from each state, with no more than two participants from any one state. Teachers must be certified to teach physics in their state, have an assignment to teach physics in the 1988-89 school year and commit themselves to using the PRISMS program.

Each participant in the program will receive a \$600 stipend, room and board in the university's dormitories and travel allowance monies. Participants will register for six semester hours of graduate credit in physics. Three of these will be completed at the end of the 1988 summer workshop, and the remaining three will be received for work done during the 1988-89 school year and follow-up leadership workshop in the summer of 1989. There will be no tuition charge for these credits.

Application materials may be obtained from PRISMS Summer Workshops, Physics Department, University of Northern Iowa, Cedar Falls, Iowa 50614. The application deadline is April 15. Selected participants will be notified by April 27.

— S.A.A.

Living Lightly

A set of inexpensive environmental education curriculum guides is available from Schlitz Audubon Center. "Living Lightly in the City" was inspired by urban children and written for use with students in both suburban and urban communities. Volume 1 is designed for grades K-3 and Volume 2 is for grades 4-8. "Living Lightly on the Planet" is designed to help inform and motivate junior and senior high school students. Volume 1 of that guide is for grades 7-9 and Volume 2 is aimed at grades 10-12. To obtain any of the guides, write to the Schlitz Audubon Center, 1111 East Brown Road, Milwaukee, WI 53127.